

TABLE 9.1

CLIMATIC ZONE 100B/C

No-till C Factors - High production (Corn 150 bu, Soybean 45 bu)

Corn W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn		.054	.042	.034	.028	.022	.018				.078	.06	.05	.04	.033	.028		
Corn Silage w/cover	.13	.09	.06	.05	.04					.15	.11	.084	.065	.05				
Corn Silage	.135	.10								.189								
Soybeans	.122	.09	.085	.071						.135	.102	.088	.074					

Soybeans W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn		.075	.06	.046	.036	.03	.022	.018			.10	.078	.06	.05				
Corn Silage w/cover	.135	.095	.065	.055	.045					.16	.12	.09	.07	.06				
Corn Silage	.188										.215							

Corn Silage W/Manure After	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.085	.08	.064	.052	.04	.035				.12	.09	.07	.058	.048	.04			
Corn Silage	.185									.218								
Soybeans	.14	.11	.092	.08						.172	.145	.13						

Corn Silage W/Manure And Cover after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn			.025	.02	.016	.012	.01	.009		.10	.072	.058	.046	.036	.03			
Soybeans	.11	.088	.07	.055	.045					.14	.11	.09	.08					

* All rotations include a manure application prior to planting the current crop.